

and technology by getting kids motivated to study math and science. To do this, we need to provide more training for math and science teachers, increase the number of students taking advanced placement courses, offer grants to establish high schools that specialize in math and science, and provide scholarships and fellowships for future scientists and engineers.

The legislation we are introducing today addresses some of these concerns. It is, in effect, a downpayment, a modest first step to ensuring that America retains its competitive edge.

I wish to thank Senators BINGAMAN and ALEXANDER for authorizing the Academies Study. This study, along with a number of recent reports and books—among them, Tom Friedman's "The World is Flat," which I know that many of my colleagues have read—brought a much-needed sense of urgency to this issue.

Many of these provisions were included in the Protecting America's Competitive Edge Act, or PACE, which Senators BINGAMAN and DOMENICI introduced in the last Congress, and I was pleased to cosponsor that important legislation.

I also want to recognize the hard work of a number of my colleagues, Senators INOUE, STEVENS, KENNEDY, ENZI, LIEBERMAN, ENSIGN, MIKULSKI, HUTCHISON, and Senator NELSON of Florida, who have been instrumental in crafting this legislation.

The legislation that we are introducing will double the Federal investment for the National Science Foundation over the next 4 years, and for the Office of Science at the Department of Energy over the next decade.

America COMPETES will create a DARPA-modeled research project at the Department of Energy and increase investment for basic research at NASA and other science-related Federal agencies.

The bill provides grants to States in order to better align elementary and secondary school curriculum with the knowledge and skills needed for the global economy. Nevada is already doing something similar, with our State P-16 Council.

The legislation will strengthen our math and science teaching workforce by recruiting and training teachers to teach in high-need schools.

America COMPETES will expand the important Advanced Placement and International Baccalaureate, IB, programs by increasing the number of math, science, and foreign languages AP and IB courses, and preparing more teachers to teach these challenging courses. This is essential for States such as Nevada, where only 6 percent of 12th graders took the AP calculus exam and only 7 percent took an AP science exam.

The bill will help develop an infrastructure for innovation by establishing a President's Council on Innovation and Competitiveness to promote innovation and competitiveness.

Also, this legislation will help improve math instruction at the elementary and middle school level, through Math Now grants.

If signed into law, our bill will do many of the things that the Augustine Report recommended, but the truth is, in years to come, we will have even more to do.

Though we make new and significant investments in research, we still must address our tax structure and make sure that we do as much as possible to encourage investment in research and development. We should start by finally making the R&D tax credit permanent.

We must also do more in education. This bill strengthens educational opportunities in science, technology, engineering, math, and critical foreign languages, but this is just a first step. For example, we must take a very hard look at our high schools. As Bill Gates has often said, our high schools were designed for a 20th century economy and often do not address the needs of the 21st century workforce.

We should also realize that unless our most basic commitments to America's students are met—by properly funding title I and No Child Left Behind and making a college education accessible and affordable—these efforts alone cannot prepare our students for the global economy.

Mr. President, Senator MCCONNELL and I began the 110th Congress by promising a new spirit of bipartisanship. Of course we have had our differences on some issues, but I hope that, in jointly introducing this important legislation, we send a signal that investing in America's future is not a partisan issue.

The America COMPETES Act is an important first step in maintaining this Nation's competitive advantage, and I look forward to working with my colleagues to ensure that we follow through on the investments we are making in this legislation.

TRIBUTE TO DR. SUSAN LINDQUIST

Mr. REID. Mr. President, it is with great pleasure that I recognize Dr. Susan Lindquist for her cutting-edge work in the field of medical research. Dr. Lindquist's research today has the potential to lead to future cures for some of the most devastating illnesses we face. Her work has attracted national recognition, and next month Dr. Lindquist will be honored as Desert Research Institute Medal Recipient in Nevada. I would also like to thank the Desert Research Institute for their continued commitment in recognizing the best and brightest in our scientific and engineering communities.

Dr. Lindquist has a diverse background of experience in the medical field. She is a member and former director of the Whitehead Institute. She is also a professor of biology at the Massachusetts Institute of Technology,

as well as the Albert D. Lasker Professor of Medical Sciences at the University of Chicago. Dr. Lindquist has been acknowledged by several institutes, including being elected into the prestigious Academy of Arts and Sciences in 1997.

Her life work in the medical field is nothing short of extraordinary. Potential cures for Parkinson's disease, Alzheimer's, and many neurodegenerative diseases lie in the most fundamental building blocks of the human body—our proteins. Lindquist and her colleagues have made it their professional mission to understand how long strands of proteins fold to create intricate shapes or misfold and clump together. In her work, Dr. Lindquist found that when proteins misfold, they can contribute to cystic fibrosis, Alzheimer's, and even mad cow disease. Dr. Lindquist and her team have studied this exciting line of research so that we can better understand these diseases and hopefully develop new treatments.

Dr. Lindquist's work has led to stunning medical breakthroughs in medicine, biology, and bioengineering. But the true impact of her work is felt by mankind. Today millions of Americans across Nevada and our Nation who suffer from neurodegenerative diseases have hope. Cures for some of the most debilitating diseases are on the horizon as a result of Dr. Lindquist's work.

Again, it is with great pride that I recognize Dr. Susan Lindquist before the Senate. She is a deserving recipient of the Nevada Medal for her extraordinary work. I look forward to her continued accomplishments in this important field.

A MESSAGE FROM IRAQ

Mr. WARNER. Mr. President, I rise today to recognize the superb contribution of the thousands of men and women deployed in Operation Iraqi Freedom and Operation Enduring Freedom. The following e-mail, forwarded to my office by family members of a naval officer serving in Iraq is indicative of the fighting spirit and considerable sacrifice that members of the armed services are making on a daily basis. We owe all of these men and women a tremendous debt of gratitude for their outstanding service. This officer's perspective is most deserving of being considered by the American public.

Mr. President, I ask unanimous consent that the e-mail to which I referred be printed in the RECORD.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

Friends and Family:

Many of you watched the President address the nation two nights ago regarding the way forward in Iraq. A few people have asked me whether or not this surge will affect me. The answer is yes, but only for a short time. Instead of coming home in a few weeks, I will not be leaving until March at the earliest.